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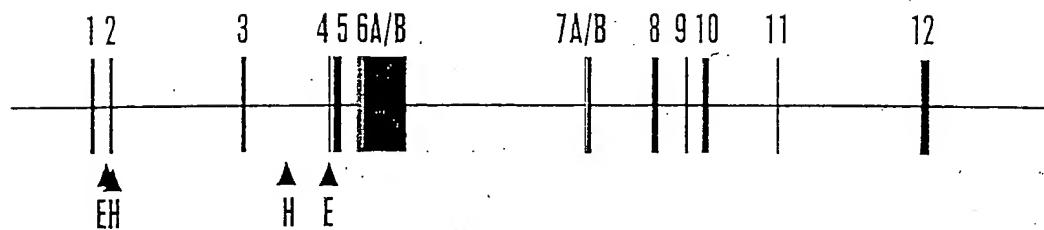


Figure 1A

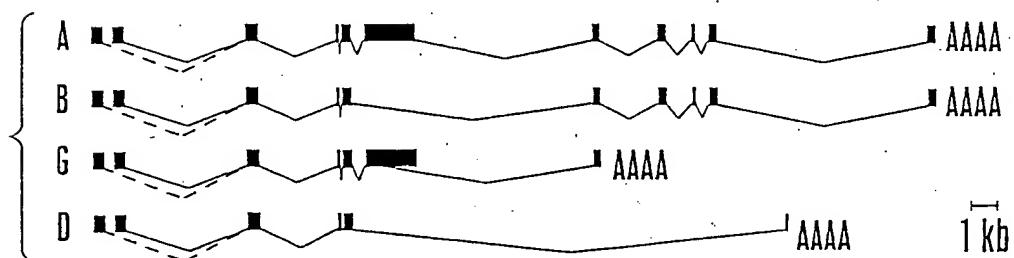


Figure 1B

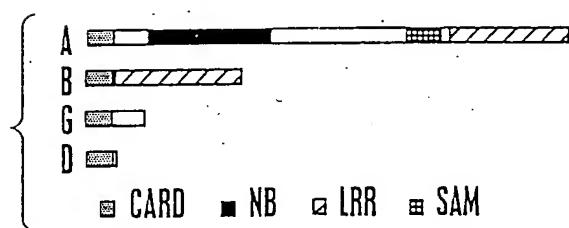


Figure 1C

CLANA	MNEIKDNRALIQRMGHTVIKQITDDELVNNVLNREEVNIICCEKKVEQDAARGIILHMLKKGSSES
CLANB	MNEIKDNRALIQRMGHTVIKQITDDELVNNVLNREEVNIICCEKKVEQDAARGIILHMLKKGSSES
CLANG	MNEIKDNRALIQRMGHTVIKQITDDELVNNVLNREEVNIICCEKKVEQDAARGIILHMLKKGSSES
CLAND	MNEIKDNRALIQRMGHTVIKQITDDELVNNVLNREEVNIICCEKKVEQDAARGIILHMLKKGSSES
CLANA	CNLFLKSLKEENVYPLQDNLNGQSLHQTSSEGDLDDAQDLKDLYHTPSFLNFYPLGEDIDILNL
CLANB	CNLFLKSLKEENVYPLQDNLNGQSLHQTSSEGDLDDAQDLKDLYHTPSFLNFYPLGEDIDILNL
CLANG	CNLFLKSLKEENVYPLQDNLNGQSLHQTSSEGDLDDAQDLKDLYHTPSFLNFYPLGEDIDILNL
CLAND	CNLFLKSLKEENVYPLQDNLNGQSLHQTSSEGDLDDAQDLKDLYHTPSFLNFYPLGEDIDILNL
CLANA	KSTFTTPEPILVRKDQHHRVEQLTLNGIILQALOSPCIIIGESGCKCKSTLLORIAMLNGSGCKAKT
CLANB	KSTFTTPEPILVRKDQHHRVEQLTLNGIILQALOSPCIIIGESGCKCKSTLLORIAMLNGSGCKAKT
CLANG	KSTFTTPEPILVRKDQHHRVEQLTLNGIILQALOSPCIIIGESGCKCKSTLLORIAMLNGSGCKAKT
CLANA	KPKKEYPEELRISRAQGGLPETLCOQLLOIPIGTIRKQTPMAMLLKLQRQYVLELLOGYNEPKPQHCPS
CLANB	KPKKEYPEELRISRAQGGLPETLCOQLLOIPIGTIRKQTPMAMLLKLQRQYVLELLOGYNEPKPQHCPS
CLANA	IEAGLIKENRRPKNMVIVTTTTECLRRIQFGALTAEVGOMTSDAQAQALIREVLIKELAECLLQI
CLANB	IEAGLIKENRRPKNMVIVTTTTECLRRIQFGALTAEVGOMTSDAQAQALIREVLIKELAECLLQI
CLANA	QKSRCRLRNLMKTPLEVITCAIQNGESBFHSRQQTLLPHTYOLLIQKNNKKKKGVAASOFIRSGL
CLANB	QKSRCRLRNLMKTPLEVITCAIQNGESBFHSRQQTLLPHTYOLLIQKNNKKKKGVAASOFIRSGL
CLANA	DHRGDLALEGVPSHKEDOFELQDVSSVNBQVLLITGLCKYTAQREPKPKYKFFHKSFQ8YTAGRRL
CLANB	DHRGDLALEGVPSHKEDOFELQDVSSVNBQVLLITGLCKYTAQREPKPKYKFFHKSFQ8YTAGRRL
CLANA	SSLLTSHEPPEEVTKGNGYLQKMYVISDITSFVSSLRLRYTCGSSVETRAVMKHLAAVYQHGCLLG
CLANB	SSLLTSHEPPEEVTKGNGYLQKMYVISDITSFVSSLRLRYTCGSSVETRAVMKHLAAVYQHGCLLG
CLANA	LSTIAKRPLNRQESLQSVKNTTQGILKAIHNINSEPVBCGIEHYQESTSKSALSQSFBAFPQOKSLY
CLANB	LSTIAKRPLNRQESLQSVKNTTQGILKAIHNINSEPVBCGIEHYQESTSKSALSQSFBAFPQOKSLY
CLANA	INSGNIPDYLFDPEHLPHNCASALDFIKLDFYGGAMASHSKAAIOTGGIENEIAPEETTIPSRAVS
CLANB	INSGNIPDYLFDPEHLPHNCASALDFIKLDFYGGAMASHSKAAIOTGGIENEIAPEETTIPSRAVS
CLANA	LEPPHVKQSFRTLEVTLRDFESKLNKQDIRYLGISSATSRLQIKRCAGVAGSLSLVLSICKNIY
CLANB	LEPPHVKQSFRTLEVTLRDFESKLNKQDIRYLGISSATSRLQIKRCAGVAGSLSLVLSICKNIY
CLANA	SINVYASPLTIQDERHITSVNLKTLISIHDQNLQQLPGLTDLSLGNLKNLTKLIMDNIKWNNEEDA
CLANB	SINVYASPLTIQDERHITSVNLKTLISIHDQNLQQLPGLTDLSLGNLKNLTKLIMDNIKWNNEEDA
CLANA	IKLAEGLKNLKKMCLEHLTHLDIGECDYIVKSLSSEPCDLEEIQLVSCCLSNAVKILAQNLIH
CLANB	IKLAEGLKNLKKMCLEHLTHLDIGECDYIVKSLSSEPCDLEEIQLVSCCLSNAVKILAQNLIH
CLANA	NLVKLSILDSENYLEKDGNEALHELIDRHNVLKQLTALMLPVGCDVQGSLSLLKHLKEVPQLV
CLANB	NLVKLSILDSENYLEKDGNEALHELIDRHNVLKQLTALMLPVGCDVQGSLSLLKHLKEVPQLV
CLANA	KLGLKNWRLTDTEIRILGAFEGKPNPLKNEQQLNLAGNRVSSDCULAFMNGVFEENLKQLVFEEDESTK
CLANB	KLGLKNWRLTDTEIRILGAFEGKPNPLKNEQQLNLAGNRVSSDCULAFMNGVFEENLKQLVFEEDESTK
CLANA	EFLPDPAVLRKLSQVLSKLTFLQKARELYGVQFDODDLSVTGAFKLVTA
CLANB	EFLPDPAVLRKLSQVLSKLTFLQKARELYGVQFDODDLSVTGAFKLVTA

CEYCSQEAQAOORSOLVLLVSGSLEGESVIDWELSWIVSIE

CARD-A

DYTCGHILLGQPLSHARRLIDTVANKGTMACQELIAAAQEAQADSQSPKLHGCWDPHSLH

PARDLQSHRPATYRRLHSHVENMDEAVEREETSYOYEDETRELTETPSOR

CARD-B

ARMEDAT

WANGLAEMIQLVQEPVPIALPLE

AATCKKMAKLRTTVAQSRLFSTYDGAETLCLE

DIYTENVLEVADVGAGPPQKSPATLGEEELFSTPGHLNDDADTVLVGEAGSGKSTLL

P-LOOP

ORLHEAWAGQDFQEELEVEFESCRQLOQWAKPLSVRTHEECCPDVQEDIFQLLID

NB-ARC

HEDRVIVHVSCESEK13REWRERHCSETDPTSVOQILEENHQCNLKNARKWVTSRPAA

VSAEERKAVRTEENLGESEOCGIMVRKRHHEPEVADRIIRETQTSVHHECILPYES

WIVSKKHQHLMTOQESPKTTDMVMIQHQHMTATPPDSASQeexSMRCP12H

LERTMLMECIVCVVSAQOLOAQAOVSPODISLEEF

Figure 3

COP	MADKVEKEKRKLEIHS	MGEGTINGLIDELL	30
caspase-1	MADKVEKEKRKLEIR	SMGEGTINGLIDELL	30
	QTRVLNQ	EEMEKVKRENATVMDKTRALIDS	60
	QTRVLNK	EEMEKVKRENATVMDKTRALIDS	60
	VIPKGAAQACQICITYICEEDSYLA	ETLGLS	90
	VIPKGAAQACQICITYICEEDSYLAG	TLGLS	90
	AGPIRGN	97	
	ADQTSGN	97	

Figure 4

MADKVLLEKRKLLINSLGEGETINGLLDELLETNVLSQEDM Majority  
10 20 30 40

1 MADKVLKEKRKLEIRSMGEGETINGLLDELLQTRVLNKEEM cos-1  
1 M---ILLKKRRLLINSLGEGETINGLLDELLETNVLSQEDT cop-2

EIVKRENATVIDKARALLDSVIRKGAGACEICITYICEED Majority  
50 60 70 80

41 EKVRENATVMDKTRALIDSVIPIKGAQACQICITYICEED cos-1  
38 ELVKGENVTVIDKARDLLDSVIRKGAGACEICITYICEED cop-2

SYLAGTLGLSAGNAVQAGGACSTSSGQDL Majority  
90 100

81 SYLAGTLGLSAPQAVQDNPAMPTSSG cos-1  
78 RYLAGTLGLSAGNDYRAGGICSPPRAQDL cop-2

Figure 5

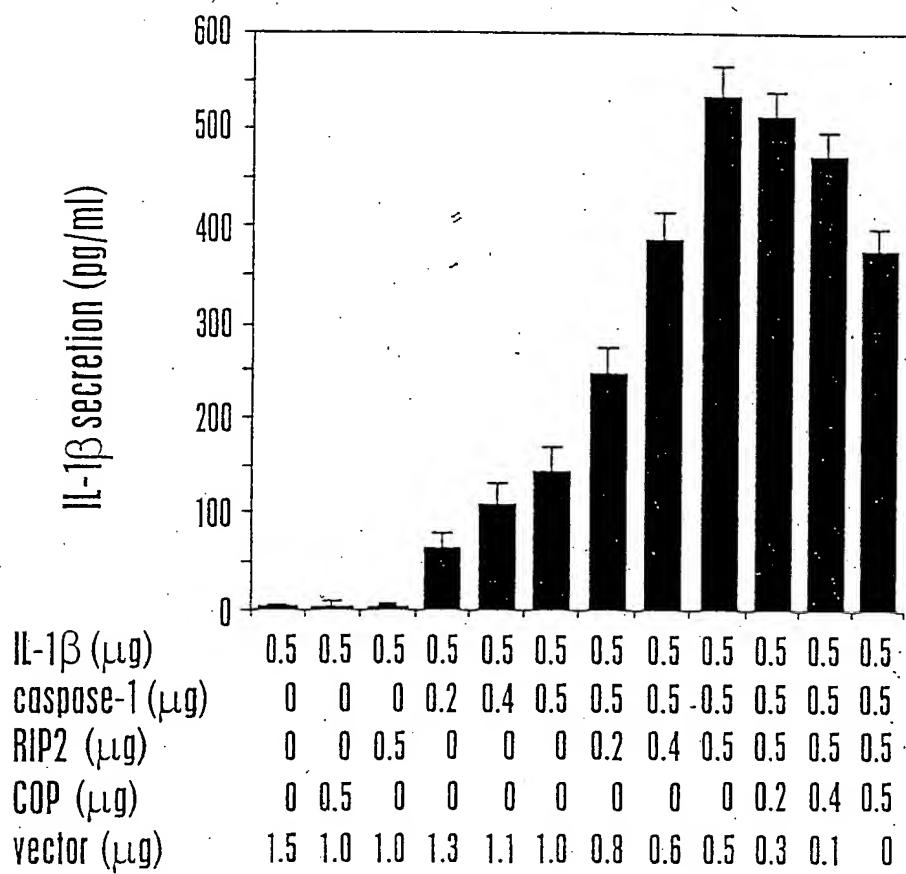


Figure 6

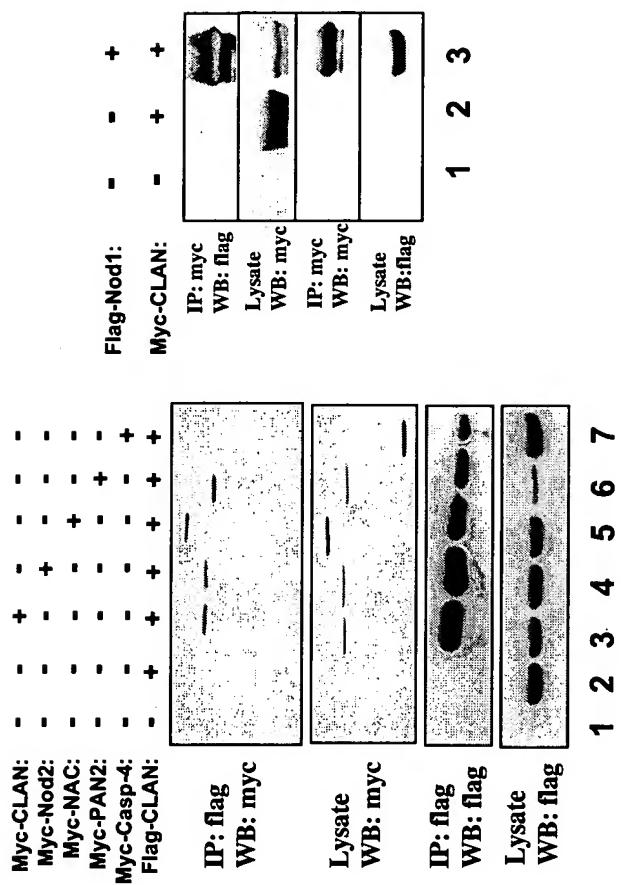


FIGURE 7

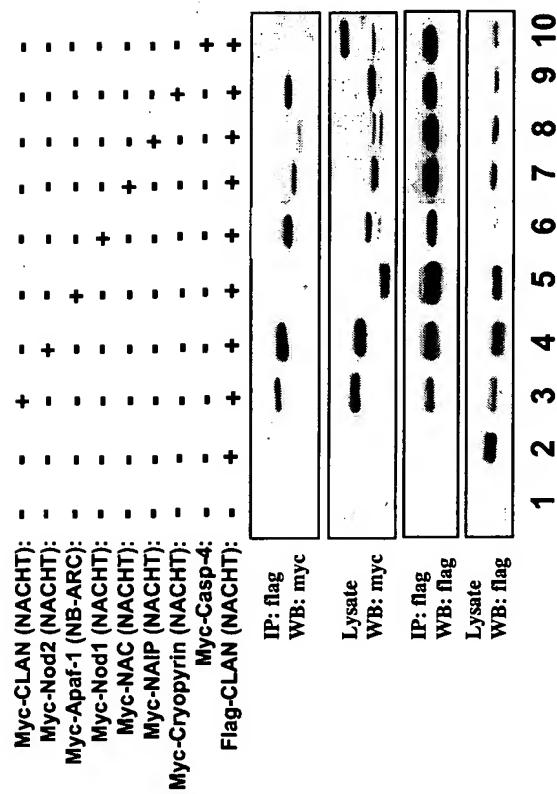


FIGURE 8

Title: CARD3X-2 POLYPEPTIDES, ENCODING NUCLEIC ACIDS, AND METHODS OF USE  
Inventors: Reed et al.  
Filing Date: Herewith  
Attorney Client-Matter No.: 66821-267  
Tel: 858-535-9001

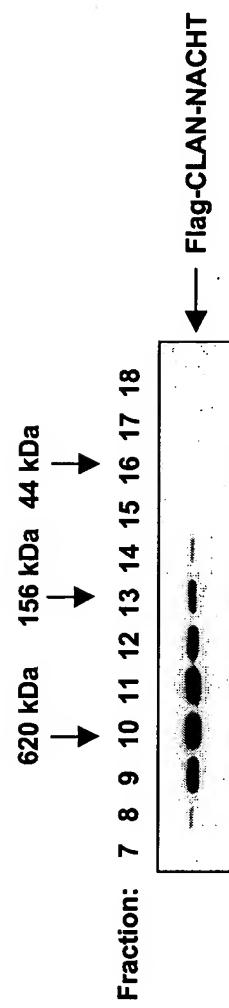


FIGURE 9

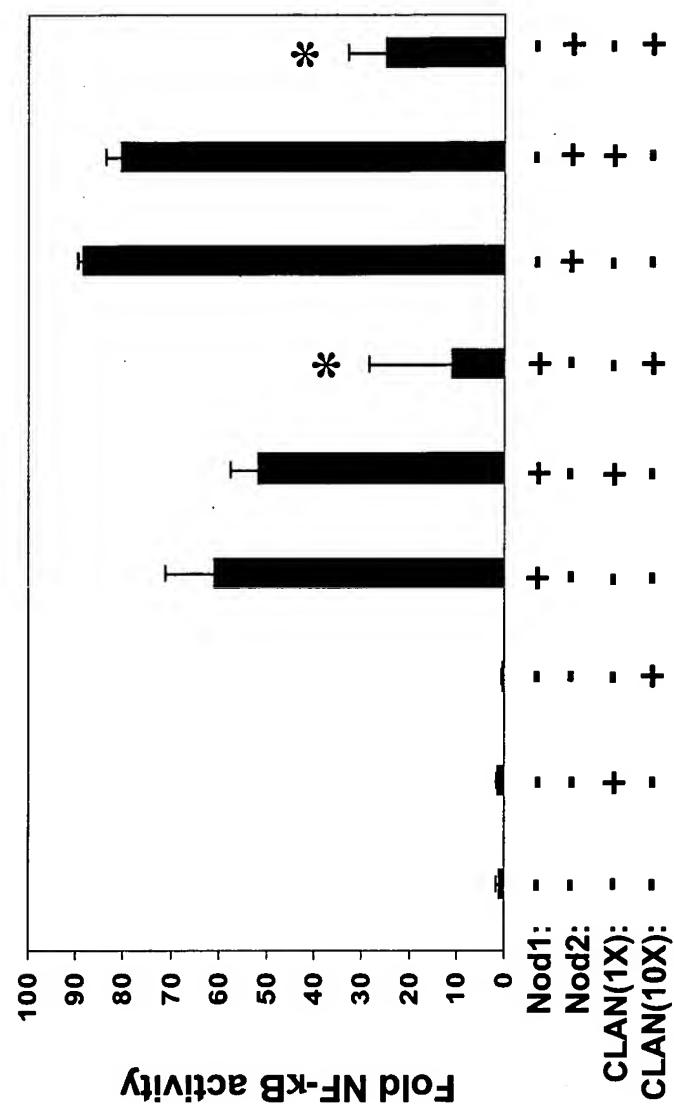


FIGURE 10

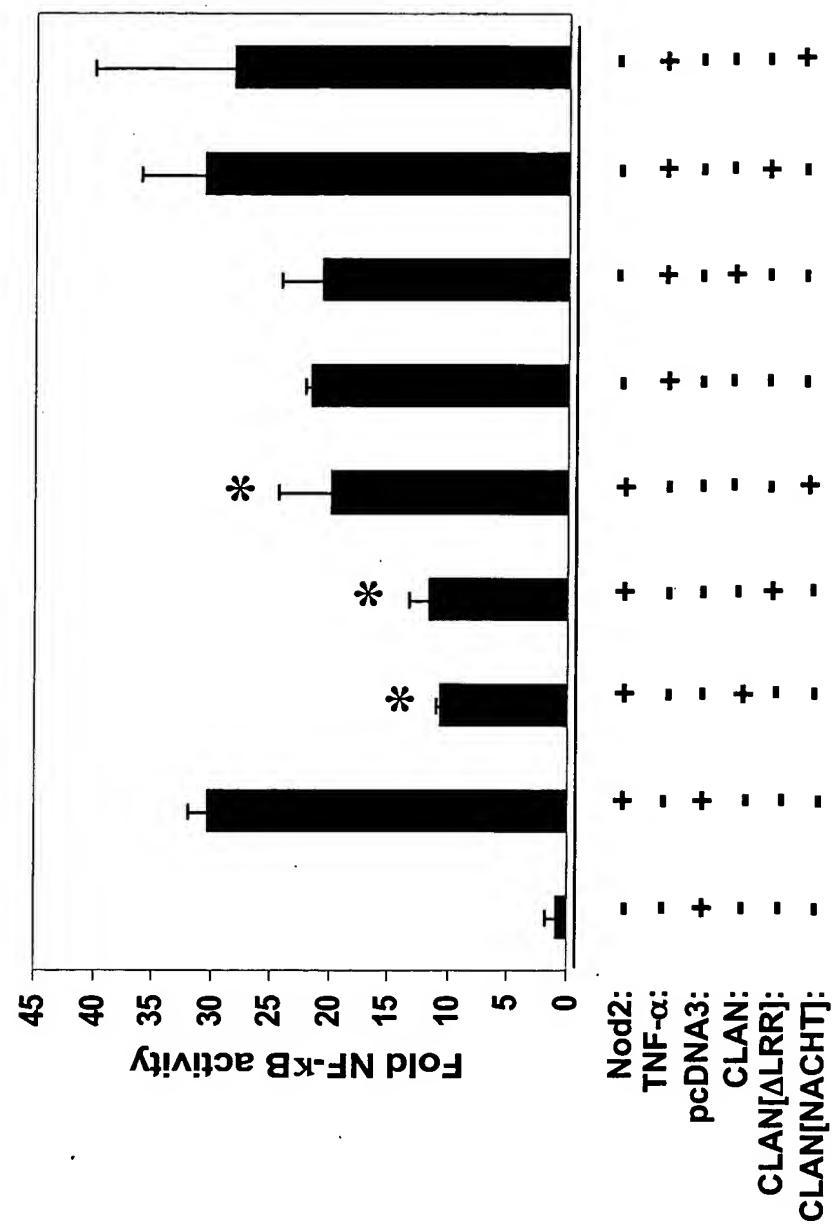


FIGURE 11

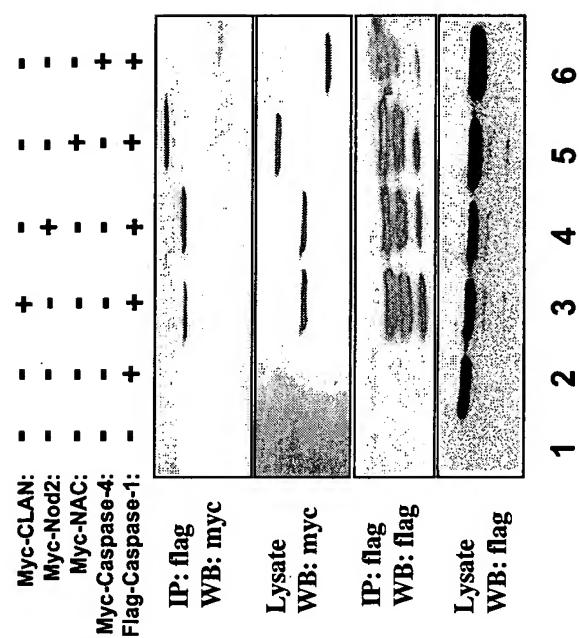


FIGURE 12

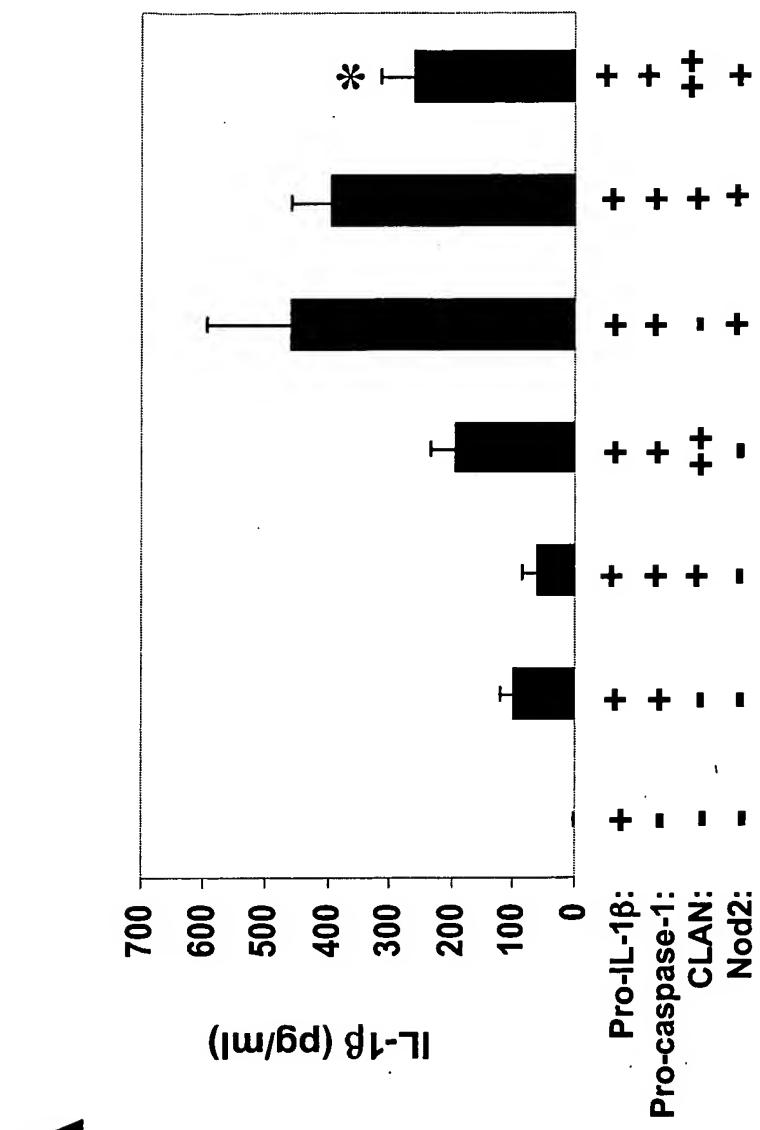


FIGURE 13A

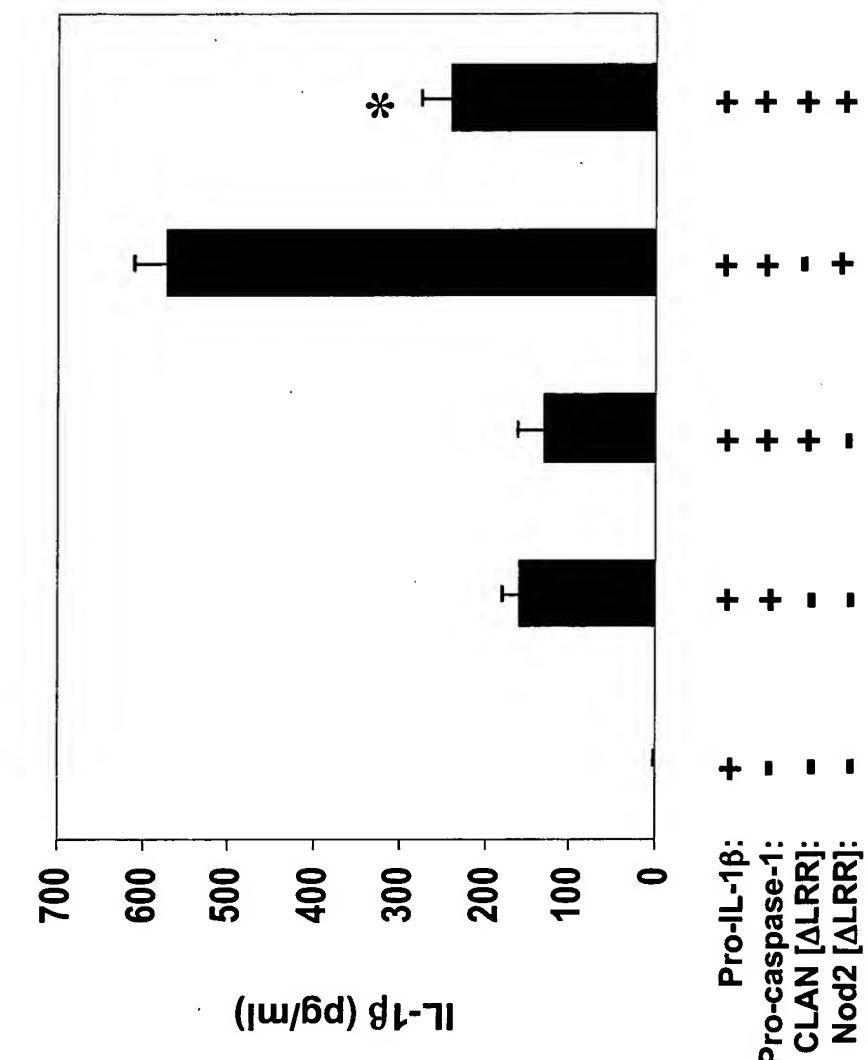


FIGURE 13B

